

## ABSTRACT

A ring frame (113) in a ring spinning machine is provided with an optical sensor for scanning the state of a spinning position. The sensor comprises a light beam transmitter (236) and a light beam receiver (238) for receiving light which is emitted by the transmitter (26) and reflected by a part in the spinning position, in particular from a traveller circulating on a spinning ring. The sensor is characterised in that the transmitter (236) and the receiver (238) are carried by a common carrier (202). The carrier (20) can be provided with a plurality of housings (212), whereby each housing (212) accommodates a sensor (transmitter/receiver pair). The housing (212) is provided for the transmitter (236) and the receiver (238) with a light-permeable part (240, 242) in each case, which can be formed as a optical lens.

15 Figs. 3 + 7